

AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims, in which claims 5 and 12 have been canceled without prejudice and disclaimer, claims 1, 6 through 8, 27, 28, 30, 31, 35 through 38, and 40 through 42 have been amended, and new claims 43 and 44 have been added.

1. (Currently Amended) An apparatus comprising:

at least one processor; and

at least one memory including computer program code for one or more programs,

the at least one memory and the computer program code configured to, with the at least one processor, cause the apparatus to perform at least the following,

~~cause, at least in part, actions that result in reception~~ receive at a first apparatus ~~of an~~ electronic program guide data for identification of a program of interest;

~~cause, at least in part, actions that result in provision~~ determine to render [[of]] selection options in [[said]] an electronic program guide for a desired program content item scheduled to be available in the future;

create a notification of the program content item selected from said electronic program guide, said notification including at least one of a reminder flag and a recording flag;

~~cause, at least in part, actions that result in transmission of~~ determine to transmit the notification of the program content item selected from said electronic program guide directly to at least one remote electronic program guide system of a second apparatus prior to the selected program content item being available; and

~~cause, at least in part, actions that result in transmission directly of~~ schedule an alert message indicating of said program selected to an SMS server to be forwarded content item to be

transmitted as an SMS to a mobile handset at a time point that has a predetermined time period before the selected content item being available.

2. (Previously Presented) The apparatus as claimed in claim 1, wherein the another apparatus is a mobile communication handset.

3. (Previously Presented) The apparatus as claimed in claim 1, wherein the another apparatus is caused to filter to pass the notification when the apparatus is authorized to send the notification.

4. - 5. (Canceled)

6. (Currently Amended) The apparatus as claimed in claim 3, wherein the another apparatus is caused to:

[[if]] when the notification is passed, the notification contains the recording flag, and the apparatus is authorized to register a recording instruction,

(1) register the recording instruction in a memory of the another apparatus that is stored with an electronic program guide thereby recording the ~~program~~ content item of interest;

(2) [[if]] when the recording instruction conflicts with a previous recording instruction, convert either the previous recording instruction or the recording instruction into a reminder; and

[[if]] when the notification is passed, the notification contains the recording flag, but the apparatus is not authorized to register a recording instruction, delay the registration of the recording instruction until the recording instruction is either confirmed or cancelled.

7. (Currently Amended) The apparatus as claimed in claim 1, wherein said notification includes the recording flag and recording parameters for the ~~program~~ content item selected.

8. (Currently Amended) The apparatus as claimed in claim 3, wherein the another apparatus is caused to:

[[if]] when the notification is passed, the notification contains the reminder flag, and the apparatus is authorized to register a reminder, register the reminder in the memory of the another apparatus thereby reminding a user of the another apparatus the ~~program~~ content item of interest; and

[[if]] when the notification is passed, the notification contains the reminder flag, and the apparatus is not authorized to register a reminder, delay the registration of the reminder until the reminder is either confirmed or cancelled.

9. - 12. (Canceled)

13. (Previously Presented) The apparatus as claimed in claim 1, wherein said apparatus is incorporated in an integrated receiver decoder.

14. (Previously Presented) The apparatus as claimed in claim 1, wherein said apparatus is incorporated in a set-top box.

15. (Previously Presented) The apparatus as claimed in claim 1, wherein said apparatus is incorporated in a mobile handset.

16. (Previously Presented) The apparatus as claimed in claim 1, wherein said apparatus is incorporated in a television receiver.

17. (Previously Presented) The apparatus as claimed in claim 1, wherein said apparatus is incorporated in a mobile display appliance.

18. - 26. (Canceled)

27. (Currently Amended) A non-transitory computer-readable storage medium carrying one or more sequences of one or more instructions which, when executed by one or more processors, cause an apparatus to at least perform the following steps:

~~cause, at least in part, actions that result in reception~~ receiving at a first apparatus ~~of an~~
electronic program guide data for identification of a program of interest;
~~causing, at least in part, actions that result in provision~~ determining to render ~~[[of]]~~ selection
options in ~~[[said]]~~ an electronic program guide for a desired ~~program~~ content item
scheduled to be available in the future;
creating a notification of the ~~program~~ content item selected from said electronic program
guide, said notification including at least one of a reminder flag and a recording flag;
~~causing, at least in part, actions that result in transmission of~~ determining to transmit the
notification of the ~~program~~ content item selected from said electronic program guide

directly to at least one remote electronic program guide system of a second apparatus prior to the selected ~~program~~ content item being available; and
~~causing, at least in part, actions that result in transmission directly of~~ scheduling an alert message ~~indicating of~~ said program selected to an SMS server to be forwarded content item to be transmitted as an SMS to a mobile handset at a time point that has a predetermined time period before the selected content item being available.

28. (Currently Amended) A method comprising:

~~causing, at least in part, actions that result in reception~~ receiving at a first apparatus ~~of an~~ electronic program guide data for identification of a program of interest;
~~causing, at least in part, actions that result in provision~~ determining to render at the first apparatus ~~[[of]]~~ selection options in ~~[[said]]~~ an electronic program guide for a desired ~~program~~ content item scheduled to be available in the future;
creating at the first apparatus a notification of the ~~program~~ content item selected from said electronic program guide, said notification including at least one of a reminder flag and a recording flag;
~~causing, at least in part, actions that result in transmission of~~ determining to transmit the notification of the ~~program~~ content item selected from said electronic program guide directly from the first apparatus to at least one remote electronic program guide system of a second apparatus prior to the selected ~~program~~ content item being available; and
~~causing, at least in part, actions that result in transmission directly of~~ scheduling an alert message ~~indicating of~~ said program selected to an SMS server to be forwarded content item to be transmitted as an SMS to a mobile handset at a time point that has a predetermined time period before the selected content item being available.

29. (Canceled)

30 (Currently Amended) An apparatus comprising:

at least one processor; and

at least one memory including computer program code for one or more programs,

the at least one memory and the computer program code configured to, with the at least one processor, cause the apparatus to perform at least the following,

~~cause, at least in part, actions that result in reception of~~ receive a notification of a ~~program~~ content item of interest in an electronic program guide from another apparatus;

filter to pass the notification when the another apparatus is authorized to send the notification;

[[if]] when the notification is passed, the notification contains a mobile alert flag, and the another apparatus is authorized to register a mobile [[alter]] alert, ~~send~~ schedule to transmit an alert SMS message to a mobile phone at a time point that has a predetermined time period before the content item of interest being available;

[[if]] when the notification is passed, the notification contains a recording flag, and the another apparatus is authorized to register a recording instruction,

(1) ~~register~~ determine to register the recording instruction in a memory of the apparatus that is stored with an electronic program guide thereby recording the ~~program~~ content item of interest;

(2) [[if]] when the recording instruction conflicts with a previous recording instruction, convert either the previous recording instruction or the recording instruction into a reminder;

[[if]] when the notification is passed, the notification contains a recording flag, and the another apparatus is not authorized to register a recording instruction, delay the registration of the recording instruction until the recording instruction is either confirmed or cancelled;

[[if]] when the notification is passed, the notification contains a reminder flag, and the another apparatus is authorized to register a reminder, register the reminder in the memory of the apparatus thereby reminding a user of the apparatus the ~~program~~ content item of interest; and

[[if]] when the notification is passed, the notification contains a reminder flag, and the another apparatus is not authorized to register a reminder, delay the registration of the reminder until the reminder is either confirmed or cancelled.

31. (Currently Amended) A non-transitory computer-readable storage medium carrying one or more sequences of one or more instructions which, when executed by one or more processors, cause an apparatus to at least perform the following steps:

~~causing, at least in part, actions that result in reception~~ receiving [[of]] a notification of a ~~program~~ content item of interest in an electronic program guide from another apparatus; filtering to pass the notification when the another apparatus is authorized to send the notification;

[[if]] when the notification is passed, the notification contains a mobile alert flag, and the another apparatus is authorized to register a mobile [[alter]] alert, ~~sending~~ scheduling to transmit an alert SMS message to a mobile phone at a time point that has a predetermined time period before the content item of interest being available;

[[if]] when the notification is passed, the notification contains a recording flag, and the another apparatus is authorized to register a recording instruction,

(1) ~~registering~~ determining to register the recording instruction in a memory of the apparatus that is stored with an electronic program guide thereby recording the ~~program~~ content item of interest;

(2) [[if]] when the recording instruction conflicts with a previous recording instruction, converting either the previous recording instruction or the recording instruction into a reminder;

[[if]] when the notification is passed, the notification contains a recording flag, and the another apparatus is not authorized to register a recording instruction, delaying the registration of the recording instruction until the recording instruction is either confirmed or cancelled;

[[if]] when the notification is passed, the notification contains a reminder flag, and the another apparatus is authorized to register a reminder, registering the reminder in the memory of the apparatus thereby reminding a user of the apparatus the ~~program~~ content item of interest; and

[[if]] when the notification is passed, the notification contains a reminder flag, and the another apparatus is not authorized to register a reminder, delaying the registration of the reminder until the reminder is either confirmed or cancelled.

32. (Canceled)

33. (Previously Presented) A non-transitory computer-readable storage medium as claimed in claim 27, wherein the another apparatus is caused to perform:

filtering to pass the notification when the apparatus is authorized to send the notification.

34. (Previously Presented) A non-transitory computer-readable storage medium as claimed in claim 27, wherein the another apparatus is caused to perform:

receiving said notification as an electronic mail.

35. (Currently Amended) A non-transitory computer-readable storage medium as claimed in claim 33, wherein the another apparatus is caused to further perform:

[[if]] when the notification is passed, the notification contains the recording flag, and the apparatus is authorized to register a recording instruction,

(1) registering the recording instruction in a memory of the another apparatus that is stored with an electronic program guide thereby recording the ~~program~~ content item of interest;

(2) [[if]] when the recording instruction conflicts with a previous recording instruction, converting either the previous recording instruction or the recording instruction into a reminder; and

[[if]] when the notification is passed, the notification contains the recording flag, and the apparatus is not authorized to register a recording instruction, delaying the registration of the recording instruction until the recording instruction is either confirmed or cancelled.

36. (Currently Amended) A non-transitory computer-readable storage medium as claimed in claim35, wherein the another apparatus is caused to perform:

sending the registered recording instruction to a recording device associated with said electronic program guide system before the ~~program~~ content item starts.

37. (Currently Amended) A non-transitory computer-readable storage medium as claimed in claim 33, wherein the another apparatus is caused to perform:

[[if]] when the notification is passed, the notification contains the reminder flag, and the apparatus is authorized to register a reminder, registering the reminder in the memory of the another apparatus thereby reminding a user of the another apparatus the ~~program~~ content item of interest; and

[[if]] when the notification is passed, the notification contains the reminder flag, and the apparatus is not authorized to register a reminder, delaying the registration of the reminder until the reminder is either confirmed or cancelled.

38. (Currently Amended) A non-transitory computer-readable storage medium as claimed in claim 27, wherein the apparatus is caused to further perform:

transmitting the notification of the ~~program~~ content item selected from said electronic program guide to a plurality of remote electronic program guide systems.

39. (Previously Presented) A method of claim 28, wherein the second apparatus is incorporated a mobile communication handset.

40. (Currently Amended) A method of claim 28, further comprising:

filtering at the second apparatus to pass the notification when the first apparatus is authorized to send the notification;

[[if]] when the notification is passed, the notification contains the recording flag, and the first apparatus is authorized to register a recording instruction,

(1) registering the recording instruction in a memory of the second apparatus that is stored with an electronic program guide thereby recording the ~~program~~ content item of interest;

(2) [[if]] when the recording instruction conflicts with a previous recording instruction, converting either the previous recording instruction or the recording instruction into a reminder; and

[[if]] when the notification is passed, the notification contains the recording flag, and the first apparatus is not authorized to register a recording instruction, delaying the registration of the recording instruction until the recording instruction is either confirmed or cancelled.

41. (Currently Amended) A method of claim 28, further comprising:

filtering at the second apparatus to pass the notification when the first apparatus is authorized to send the notification;

[[if]] when the notification is passed, the notification contains the reminder flag, and the first apparatus is authorized to register a reminder, registering the reminder in the memory of the second apparatus thereby reminding a user of the second apparatus the ~~program~~ content item of interest; and

[[if]] when the notification is passed, the notification contains the reminder flag, but the first apparatus is not authorized to register a reminder, delaying the registration of the reminder until the reminder is either confirmed or cancelled.

42. (Currently Amended) A method comprising:

~~causing, at least in part, actions that result in reception~~ receiving at a first apparatus ~~[[of]]~~ a notification of a ~~program~~ content item of interest in an electronic program guide from a second apparatus;

filtering at the first apparatus to pass the notification when the second apparatus is authorized to send the notification;

[[if]] when the notification is passed, the notification contains a mobile alert flag, and the second apparatus is authorized to register a mobile ~~[[alter]]~~ alert, ~~sending~~ scheduling to transmit an alert SMS message to a mobile phone at a time point that has a predetermined time period before the content item of interest being available;

[[if]] when the notification is passed, the notification contains a recording flag, and the second apparatus is authorized to register a recording instruction,

(1) ~~registering~~ determining to register the recording instruction in a memory of the first apparatus that is stored with an electronic program guide thereby recording the ~~program~~ content item of interest;

(2) [[if]] when the recording instruction conflicts with a previous recording instruction, converting either the previous recording instruction or the recording instruction into a reminder;

[[if]] when the notification is passed, the notification contains a recording flag, and the second apparatus is not authorized to register a recording instruction, delaying the registration of the recording instruction until the recording instruction is either confirmed or cancelled;

[[if]] when the notification is passed, the notification contains a reminder flag, and the second apparatus is authorized to register a reminder, registering the reminder in the memory of

the first apparatus thereby reminding a user of the first apparatus the ~~program~~ content item of interest; and

[[if]] when the notification is passed, the notification contains a reminder flag, and the second apparatus is not authorized to register a reminder, delaying the registration of the reminder until the reminder is either confirmed or cancelled.

43. (New) A method of claim 40, further comprising:

determining to transmit from the second apparatus to the mobile handset a prompt message querying whether the recording instruction is to be confirmed or cancelled; and receiving at the second apparatus a reply message indicating accepting or canceling the record instruction.

44. (New) A method of claim 43, further comprising:

when the record instruction is canceled via the reply message, converting the recording instruction into a reminder at the second apparatus.